

## IN THE SPECIFICATION

Please amend the specification as follows. At page 2 prior to line 1, insert the Title and Subtitle:

--BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION--.

At page 2 line 4, delete "BACKGROUND OF THE INVENTION" and insert --BRIEF DESCRIPTION OF THE RELATED ART--.

Please amend the paragraph beginning at line 26 of page 2 as follows:

To that end, the invention relates to a shed forming mechanism on a weaving loom of a Jacquard type, this mechanism comprising mobile hooks, each displaced by a knife, between a position of top dead ~~centre~~ center, ~~in or near which~~ wherein each hook may be immobilized by a selection device, and a position of bottom dead center ~~centre~~, and wherein each ~~mobile~~ hook ~~comprising~~ includes a body provided with a catch, ~~intended to come into abutment on~~ abuts with the afore-mentioned knife. This mechanism is characterized in that each hook further comprises a metal blade intended to interact with the selection device and fixed on the ~~[[said]]~~ body, ~~with the possibility of~~

~~relative clearance with respect to the body, in a zone of this body opposite the selection device with respect to the zone of the body from which the catch extends~~ in such a manner that the blade is relatively movable with respect to portions of the body adjacent the area of the catch.

Please amend the paragraph beginning at line 24 of page 3 as follows:

In particular, the electromagnet of the selection device may be ~~moulded~~ molded in one of the sides of a box for receiving and for guiding ~~in translation~~ the mobile hook in translation. Such ~~moulding~~ molding induces a precise positioning of the electromagnet with respect to the other functional parts of the device, such as the pins of the retaining levers, the stops and the bearings of these levers, as well as ~~[[the]]~~ grooves for guiding the mobile hooks. Due to this high precision, the amplitudes of the movements of the mobile parts may be reduced, particularly concerning the oscillation of the retaining levers and the bending of the bladeses of the mobile hooks. This also contributes to the compactness of the mechanism.

Please amend the paragraph beginning at line 20 of page 5 as follows:

As is more particularly visible in Figures 2 to 4, each hook 13 is formed by a body 20 of ~~plastics~~ plastic material, in the lower end 201 of which is ~~moulded~~ molded an end 12a of the cord 12.

Please amend the paragraph beginning at line 5 of page 6 as follows:

The hook 13 also comprises a metallic blade 21 partially ~~moulded~~ molded in the body 20. In practice, the blade 21 comprises a part 211 ~~moulded~~ molded in a zone 203 of the body 20, located near its lower end 201, i.e. below the part 204 of the body 20 from which the catch 202 extends laterally.

Please amend the paragraph beginning at line 9 of page 6 as follows:

The part 211 is open downwardly, this allowing the passage of the end 12a of the cord 12 which may therefore be ~~moulded~~ molded in the body 20 over a relatively great length  $L_{12}$ .

Please amend the paragraph beginning at line 20 of page 6 as follows:

Taking into account ~~their respective mode of fixation~~ how they are mounted, the elements 20 and 21 are ~~[[fast]]~~ secured in the lower part of the hook 13, while that part of the blade 21 which extends over the length  $L_{21}$  above the zone 203 of the body 20, is capable of lateral ~~clearances~~ movements, as represented by the double arrow  $F_3$  in Figure 3. These lateral ~~clearances~~ movements  $F_3$  correspond, in fact, to a relative clearance of the blade 21 with respect to the body 20.

Please amend the paragraph beginning at line 26 of page 6 as follows:

The mechanism 7 also comprises an electromagnet 15 ~~moulded~~ molded in a part of the box 10. This ~~moulding~~ molding ensures a precise positioning of the electromagnet 15 with respect to the box 10 and to the elements that it supports or guides.

Please amend the paragraph beginning at line 9 of page 7 as follows:

At its opposite end 303, the armature 30 is ~~moulded~~ in a body 31 made of an ~~amagnetic~~ material, such as synthetic material and, more specifically, a ~~plasties~~ material. The body 31 forms a catch 311 for retaining a mobile hook 13 in the

vicinity of its position of top dead center ~~centre~~. The body 31 is also provided with a heel 312 for ~~centering~~ centering with respect to a spring 32 exerting on the body 31 an effort or force  $F_5$  tending to cause the lever 16 to pivot towards the outside of the box 10. This effort tends to cause the catch 311 to penetrate in the opening 216 of the blade 21 of an adjacent mobile hook, which makes it possible to retain such a mobile hook in an upper position.

Please amend the paragraph beginning at line 25 of page 8 as follows:

In practice, the ~~essential of the~~ bending of the blade 21 takes place at ~~the level of~~ that part of the box 10 where the groove 10b has no outer edge, this part extending over a height  $H$ , between the position of the top of the catch 202 to the right in Figure 2 and the zone of interaction between the blade 21 and the lever 16 during levelling.

Please amend the paragraph beginning at line 10 of page 9 as follows:

In accordance with the technical teaching of FR-A-2 752 246, a stop 40, elastically loaded urged by a spring 41, is

mounted [[,]] between the paths of slide or movement of two mobile hooks 13, in abutment on studs 10<sub>c</sub> of the box 10. This elastic stop 40 is intended to cooperate with a heel 205 made in the vicinity of the end 201 of each body 20. Taking into account the respective positioning of the elements 205 and 40, this interaction takes place when each mobile hook 13 arrives in the vicinity of its position of top dead center ~~centre~~. This arrangement makes it possible to essentially overcome the ~~essential of the~~ forces of inertia and of friction of the mobile hooks, this facilitating reversal of movement and allowing the dimensioning of the harness and the mechanical drive elements ~~parts for drive~~, such as the knives 14, ~~or for elastic return,~~ ~~such as~~ or the return springs 5, to be ~~optimalized~~ optimised.

Please amend the paragraph beginning at line 7 of page 10 as follows:

In this ~~form of~~ embodiment, the levers 16 are mounted to pivot about pins 10<sub>a</sub> fixed with respect to a box 10. The technical teaching of EP-A-0 577 524 is applied here, insofar as the box 10 comprises partitions 10<sub>d</sub> making it possible to isolate the electromagnet 15 from the ambient atmosphere. Each lever 16 is mounted to pivot on [[the]] a corresponding pin 10<sub>a</sub>,

as represented by the double arrow  $F_4$  and comprises an armature 30 which extends on either side of the pin 10a on which it is mounted. More precisely, each armature 30 comprises a first arm 304 which extends upwardly from a central part 305 in which is made a circular bore 301 for receiving the pin 10a. The arm 304 is intended to interact with the electromagnet 15 ~~as a function of its~~ during its activation. The armature 30 also comprises an arm 306 which extends opposite the arm 304 with respect to the part 305. This arm 306 is ~~moulded~~ molded in a body 31 made of ~~plasties~~ plastic material which forms a catch 311 intended to interact with an opening 216 of the blade 21 of a hook 13. The body 31 also forms a ramp 313 for levelling the position of the lever 16 used during an interaction with the curved upper end 214 of a blade 21. The blade 21 in that case exerts on the lever 16 an effort  $F_6$  of displacement of the armature 30 towards the electromagnet 15.

Please amend the paragraph beginning on line 5 of page 11 as follows:

In the third form of embodiment shown in Figure 6, elements similar to those of the first embodiment bear identical references. As previously, hooks 13 each comprise a body 20 made

of ~~plasties~~ plastic material as well as a metal blade 21, these elements being ~~moulded~~ molded in one another in the lower part of the body 20. A movement of relative clearance  $F_3$  is possible between the body 20 and the blade 21 of each hook. The blade 21 of each hook may be retained in position by a catch 311 formed by a body 31 of a retaining lever 16 mounted to pivot about a pin 10a formed by a box 10.

Please amend the paragraph beginning on line 13 of page 11 as follows:

Each lever 16 comprises a metal armature 30 ~~intended to interact~~ that interacts with an electromagnet 15 at ~~the level of~~ a zone  $Z_1$  in which the armature 30 may come into abutment against the electromagnet 15 against an elastic effort or force exerted by a spring 32 ~~centred~~ centered on a heel 312 of the body 31.